FIG. 1

9

4

1

5

6   7   8

13

14

2

10

FIG. 3

Transition
No. 1

Transition
No. 2

not fertile

Transition

fertile

FIG. 2

Cycle Influence

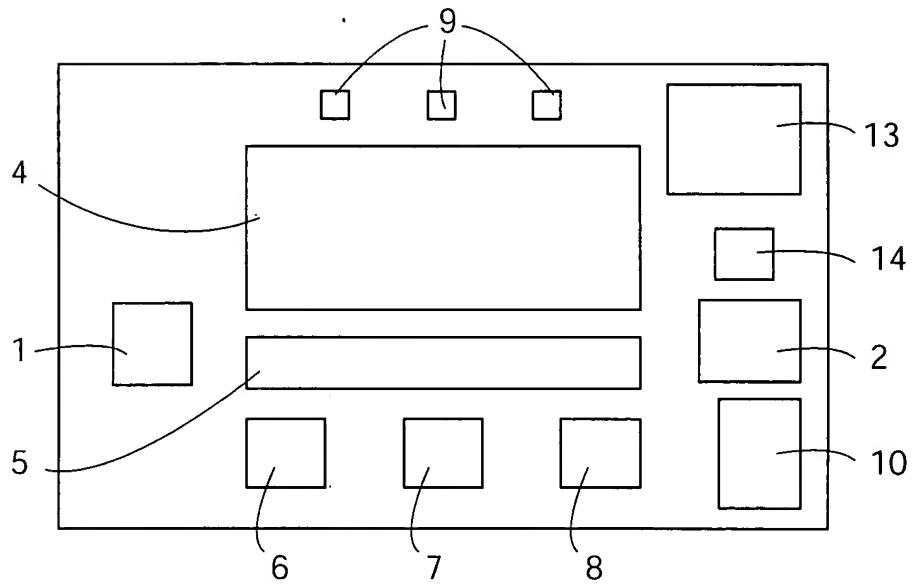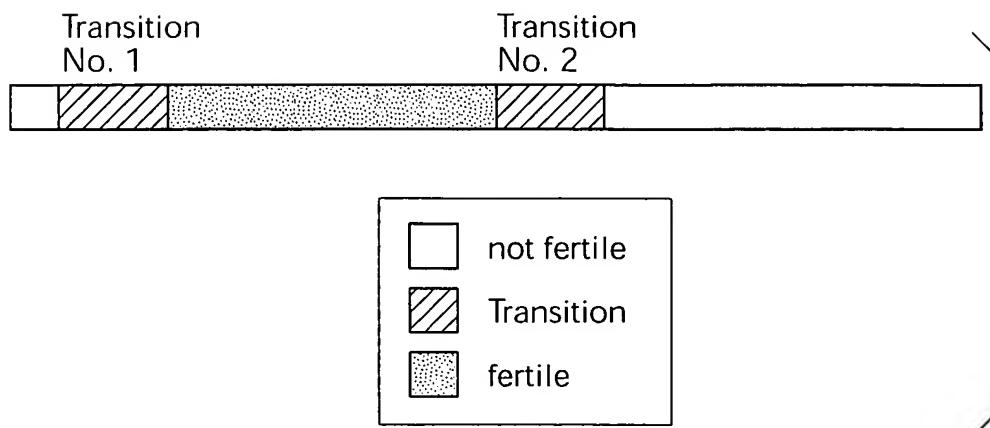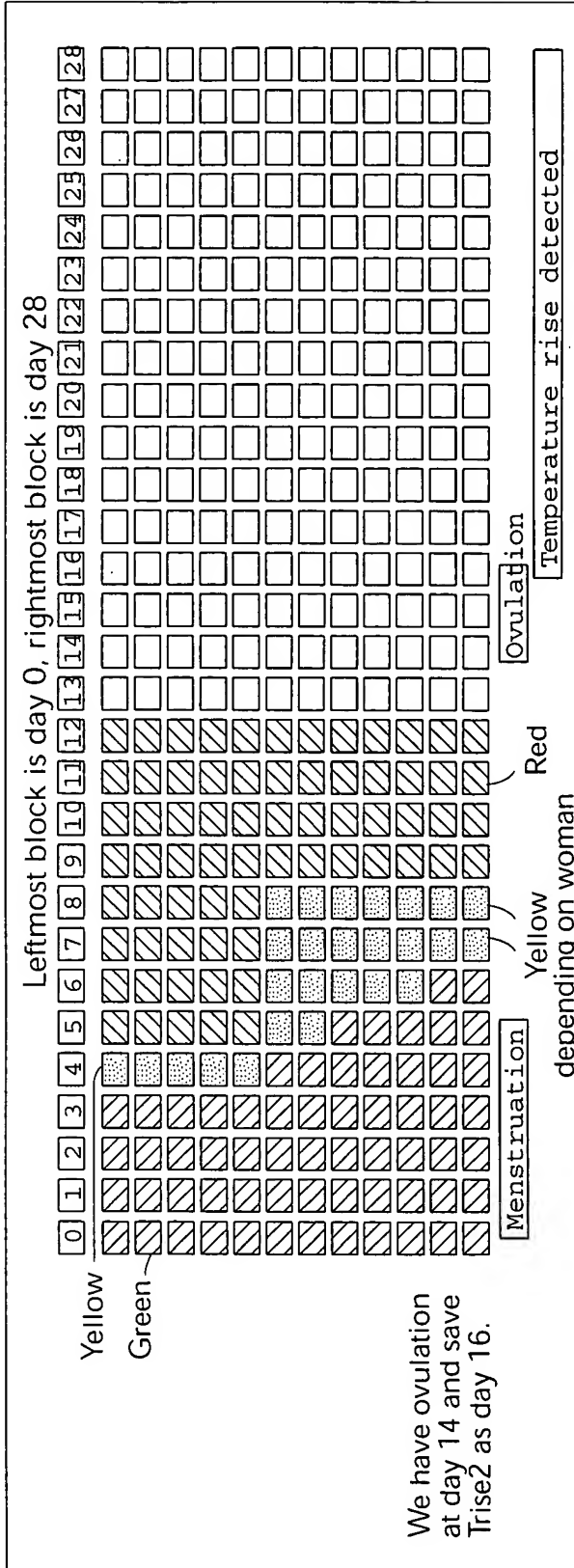|	
Cycle #1 to 5	Turn yellow (change) from 4th day
Cycle #6 to 7	Turn yellow 8 to 11 days before most early second day of temperature rise in history depending on Quality factor (see table below)
Cycle #8 to 10	Turn yellow 8 to 10 days before most early second day of temperature rise in history depending on Quality factor (see table below)
Cycle #11 -	Turn yellow 8 to 9 days before most early second day of temperature rise in history depending on Quality factor (see table below)

Red LED-FERTILE - will show one day after yellow LED

ExtraRiskyDays (Q_x = Quality number of woman)

Cycle #	Q7	Q6	Q5	Q4	Q3	Q2	Q1	Q0	Min	Max
1-5	-	-	-	-	N/A	-	-	-	-	-
6	0	1	1	2	2	3	3	3	0	3
7	0	0	1	1	2	2	3	3	0	3
8	0	0	0	1	1	2	2	3	0	2
9	0	0	0	0	1	1	2	2	0	2
10	0	0	0	0	0	1	1	2	0	2
11	0	0	0	0	0	0	1	1	0	1
12-	0	0	0	0	0	0	0	1	0	1

Leftmost block is day 0, rightmost block is day 28

Yellow
Green

Menstruation   Yellow depending on woman   Red

Ovulation   Temperature rise detected

We have ovulation at day 14 and save Trise2 as day 16.

FIG. 4

Points use system

Start of cycle	points = 0
The first day we recognize temperature rise	points = 1
Two days of temperature rise in a row	points = 2
After 3 days of temp rise	points = 3
After 4 days of temp rise	points = 4
Etc.	

YellowStartPoints reward/punish system

Timing reward/punish of YellowStartPoints

Cycle #1- 4	punish +1 point	YellowStartPoints +1
Cycle #5-	reward/punish depending on sigma	YellowStartPoints +x
	NICE ovulation timing sigma	x = -1
	NORMAL ovulation timing sigma	x = 0
	BAD ovulation timing sigma	x = +1

Saliva punish

Cycle #1- 2	punish +2 point	YellowStartPoints +2
Cycle #3-	punish 0 or +2 points	YellowStartPoints +y
	"A" pattern	y = 0
	"B" pattern	y = 0
	"C" pattern	y = +2

Summary of YellowStartPoints

Cycle #	Default	Timing	Saliva	Min	Max
1	3	+1	+2	6	6
2	3	+1	+2	6	6
3	3	+1	0 / +2	4	6
4	3	+1	0 / +2	4	6
5-	3	-1/ 0 / +1	0 / +2	2	6

YellowStartPoints (when to start showing infertile)

Reward/punish system	YellowStartPoints = 2 to 6

GreenStartPoints (when to start showing infertile)

GreenStartPoints	YellowStartPoints +1

When to change LED

We say TURN TO INFERTILE (yellow LED) when points=YellowStartPoints.
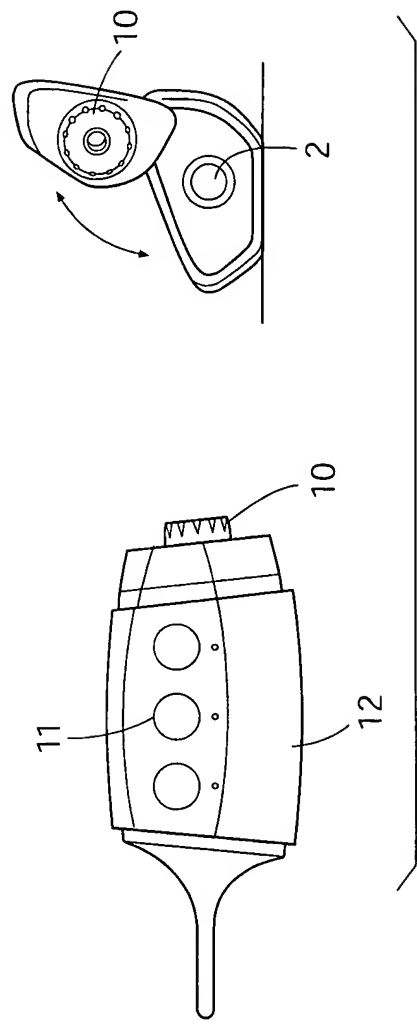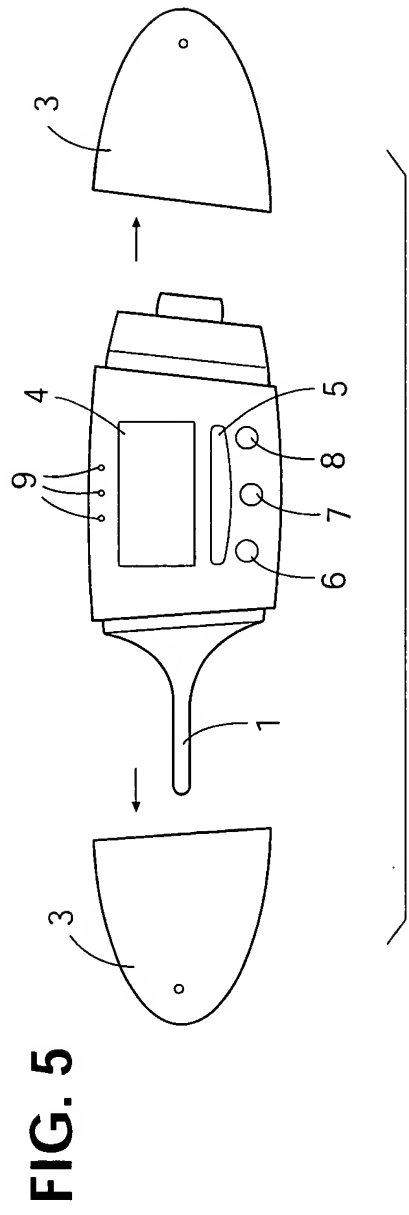We say INFERTILE (green LED) one day later than yellow LED.

FIG. 5

3

9 4

5

8

7

6

1

3

FIG. 6

11

10

12

10

2